

## A Framework for Rating Synchronous Video E-Learning Applications

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**Abstract :** Setting up a system to broadcast live lectures on the web is a procedure which on the surface does not require any serious technical skills mainly due to the facilities provided by popular learning management systems and their plugins. Nevertheless, producing a system of outstanding quality is a multidisciplinary and by no means a straightforward task. This complicatedness may be responsible for the delivery of an overall poor experience to the learners, and it calls for a formal rating framework that takes into account the diverse aspects of an architecture for synchronous video e-learning systems. We discuss the specifications of such a framework which at its final stage employs fuzzy logic technique to transform from qualitative to quantitative results.

**Keywords :** synchronous video, fuzzy logic, rating framework, e-learning

**Conference Title :** ICEBML 2014 : International Conference on e-Education, e-Business, e-Management and e-Learning

**Conference Location :** Amsterdam, Netherlands

**Conference Dates :** August 07-08, 2014